

9/4/97

**pH in Smoke Study Plan
for Massachusetts Regulation**

METHOD

- PRD/Battelle

CIGARETTES

- 1 Cigarette per run
- 4 replicates

SMOKING MACHINE

- Manual Borgwaldt

LOCATION

- PTL Lab

PEOPLE

- Miles
- PTL Technician

SMOKING CONDITIONS FOR EVALUATION

- 45 mL puff volume
- 30 sec. puff interval
- 2 sec. puff duration

INITIAL STUDY

- Reference Cigs
- 3 ventilation levels
 - 0% blocked ventilation
 - 50% blocked ventilation
 - 100% blocked ventilation

REQUIRED STUDY

- Mass. Cigarettes
 - Marlboro
 - Basic

TAPE FOR BLOCKING VENTILATION

- 0.5 inch standard 3M tape

PM3000376260

NEEDS/QUESTIONS

- Battelle's SOP BE-3B5J, Sample collection via 20-port Borgwaldt smoking machine
- Determine if the Battelle method includes putting the TMP pad in the first impinger solution followed by pH measurement
- Moving of equipment from PRD to PTL
- Training of the PTL technician
- Determine an approximate time when the study will begin